Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 10 Dec 2020 until 23:59 on Friday 11 Dec 2020

Forecast Issued on Wednesday 09 Dec 2020 at 11:46

Confidence: High for generally dull, damp conditions with low cloud over the next few days. High for unsettled conditions from Sunday onwards with rain and strong winds likely.

Headline for Thursday 10 Dec 2020: Extensive low cloud and patchy rain. Breezy on the tops.

Mountain weather hazards on Thursday 10 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	FOG	FOG	FOG	FOG	FOG	MIST	
Light rain	Fog	Fog	Fog	Fog	Fog	Mist	Light rain
Precipitation probability							
30%	50%	50%	50%	50%	50%	70%	70%

Forecast for Thursday 10 Dec 2020

Weather: A dull and cold day with low cloud and occasional rain or drizzle, mostly light in nature. The rain will turn more persistent and heavier through the evening.

Chance of cloud free mountain/hill tops above 600m: Effectively nil chance. Extensive cloud cover above 200 or 300m expected throughout with patches on lower slopes.

Visibility: Very poor at height in the low cloud with navigational difficulties expected. Hazy below the cloud.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 10 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 SE	20/28 SE	20/30 SE	20/30 SE	19/26 S	19/26 S	22/32 SE	21/31 SE	18/28 SE
300	15/25 SE	16/26 SE	15/25 SE	14/22 SE	14/21 S	15/22 SE	18/28 SE	18/28 SE	15/25 SE
Valley	10/22 SE	10/22 SE	10/21 SE	9/20 SE	10/20 SE	10/21 SE	13/27 SE	13/27 SE	11/24 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	1/-5	2/-4	2/-4	2/-4	2/-4	2/-4	2/-4	2/-4
300	3/-2	3/-1	4/-1	4/-0	4/-0	4/0	4/-1	4/-1	4/-0
Valley	4/0	4/0	4/1	5/1	5/2	5/2	5/1	5/1	5/1
Freezing Level*	900m	1100m	1200m	1200m	1100m	1000m	1200m	1400m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low cloud, damp and breezy conditions combining to give a significant wind chill on the tops. Note that winds will gust 35-40mph at times on highest summits above 600m.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 09 Dec 2020	20.4mm	31.6mm	38.8mm

Forecast for Friday 11 Dec 2020

Weather: Cloudy and dull with outbreaks of rain or drizzle, these heavy at times in the morning. Becoming dry for longer spells in the afternoon.

Maximum wind: Southeasterly 20mph gusts 30mph in early hours, easing to 15-20mph during morning and 10-15mph in afternoon.

Chance of cloud free mountain/hill tops above 600m: 10%. Extensive cloud cover above 200 or 300m.

Visibility: Very poor at most elevations giving difficult navigation conditions. Generally hazy at lower levels.

Temperature: **Valleys:** Plus 5C rising to 7C.
At 600m: Plus 2 or 3C.
Freezing level: Above the summits.

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